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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No: 09/483,759

Filed: January 14, 2000

Inventor(s):

Michael F. Morganelli,  
Christopher J. Phillips and  
Gerard M. Reilly

Title: METHOD AND  
APPARATUS FOR  
DETECTING AND  
RESOLVING  
CIRCULAR FLOW  
PATHS IN GRAPHICAL  
PROGRAMMING  
SYSTEMS

Examiner: Kendall, Chuck O.  
Group/Art Unit: 2192  
Atty. Dkt. No: 5150-95500

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Signature

1/4/2006

Date

Fee Only

**RESPONSE TO OFFICE ACTION OF  
OCTOBER 4, 2005**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of October 4, 2005, to further highlight why the application is in condition for allowance.

Please amend the case as listed below.

United States Patent and Trademark Office  
- Sales Receipt -

01/17/2006 AWISE1 00000002 501505 09483759

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## PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number  
**91483759**

## CLAIMS AS FILED – PART I

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	*
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

## SMALL ENTITY

RATE	FEES
	\$ _____
X \$ _____ =	
X \$ _____ =	
+ \$ _____ =	

## OTHER THAN SMALL ENTITY

RATE	FEES
	\$ _____
X \$ _____ =	
X \$ _____ =	
+ \$ _____ =	

\* If the difference in column 1 is less than zero, enter "0" in column 2.

TOTAL

## CLAIMS AS AMENDED – PART II

**1.9.06**

(Column 1) (Column 2) (Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	* <b>25</b>	Minus	** <b>23</b>	= <b>2</b>
	Independent (37 CFR 1.16(b))	* <b>7</b>	Minus	*** <b>8</b>	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

## SMALL ENTITY

RATE	ADDITIONAL FEE
X \$ <b>25</b> =	
X \$ <b>100</b> =	
+ \$ <b>180</b> =	
TOTAL ADD'L FEE	

## OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$ <b>50</b> =	<b>100</b>
X \$ <b>200</b> =	
+ \$ <b>360</b> =	
TOTAL ADD'L FEE	<b>100</b>

(Column 1) (Column 2) (Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	* <b>25</b>	Minus	** <b>23</b>	= <b>2</b>
	Independent (37 CFR 1.16(b))	* <b>7</b>	Minus	*** <b>8</b>	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDITIONAL FEE
X \$ <b>25</b> =	
X \$ <b>100</b> =	
+ \$ <b>180</b> =	
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$ <b>50</b> =	
X \$ <b>200</b> =	
+ \$ <b>360</b> =	
TOTAL ADD'L FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	* <b>25</b>	Minus	** <b>23</b>	=
	Independent (37 CFR 1.16(b))	* <b>7</b>	Minus	*** <b>8</b>	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDITIONAL FEE
X \$ <b>25</b> =	
X \$ <b>100</b> =	
+ \$ <b>180</b> =	
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$ <b>50</b> =	
X \$ <b>200</b> =	
+ \$ <b>360</b> =	
TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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